

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR 217
VDMR 557

WATER WELL COMPLETION REPORT

OWNER: Marvin D. Lyle Mailing Address: R. F. D. 1, Churchville, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta Approx. _____ ft. miles
 _____ (direction) of Churchville and _____ ft. miles of _____

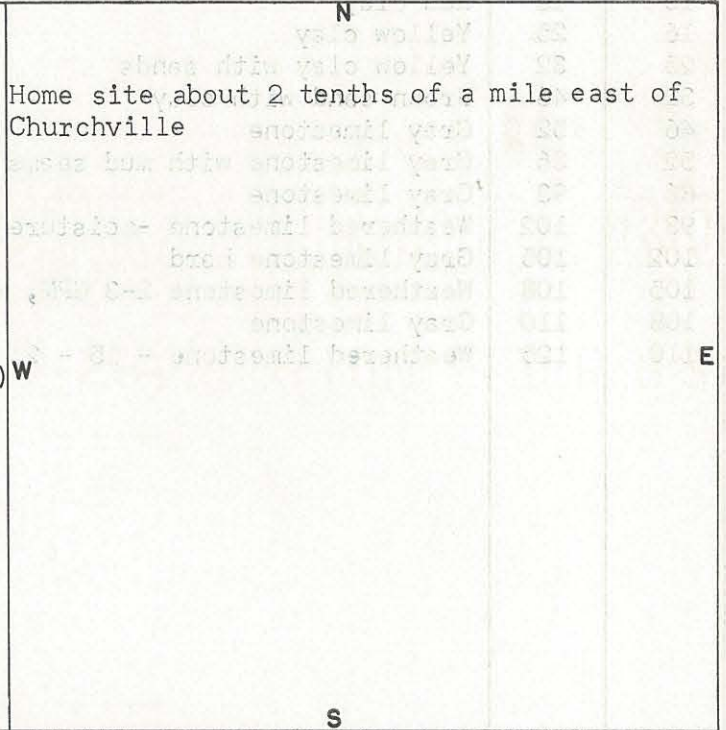
(Give direction and distance in feet or tenths of mile from two reference points—roads, towns, rivers, etc.—on county highway or other map.)

WATER CONDITIONS

DEPTH
 STATIC WATER LEVEL 50
 WATER ZONES (fissures or formations supplying water)
 (from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft. _____ ft. _____ ft.
QUANTITY OF WATER
 WELL PUMPED (or bailed) at 20 Gal. per Min. with
120 feet **DRAWDOWN** after 3 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: Will clear with pumping

QUALITY OF WATER
 COLOR muddy TASTE o.k.
 ODOR none OTHER _____
 ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No
 TEMPERATURE _____
 _____ WATER _____ (from) _____ ft. _____ (to) _____ ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public



CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc..)
 DATE: Started 11-28-60; Completed 11-30-60
 TOTAL DEPTH 125' ft.
 BEDROCK at 46' ft.

GROUTING INFORMATION
 METHOD USED Gravity
 GROUTING MATERIAL Cement and water
 DEPTH OF GROUTING 40'-50'

HOLE SIZE (diam) _____ in. (from) _____ ft. (to) _____ ft.
9' _____ 0 _____ 93 _____
5 _____ 93 _____ 125 _____

CASING SIZE (diam) _____ in. (from) _____ ft. (to) _____ ft.
5 _____ 0 _____ 94-5" _____

SCREEN (or perforations)
 (diam.) _____ in. (from) _____ ft. (to) _____ ft. (opening size) _____

PUMP (installed)
 TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: _____

Log of well (over)

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 12-1-60

Rig #65 From Driller Mitchell's Log by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	5	Red clay and Gravel	
5	13	Red clay	
13	15	Red clay & Gravel	
15	16	Red clay	
16	25	Yellow clay	
25	32	Yellow clay with sands	
32	46	Brown sand with clay	
46	52	Gray limestone	
52	86	Gray limestone with mud seams - Trace of Water-thick mud	
86	93	Gray limestone	
93	102	Weathered limestone -moisture	
102	105	Gray limestone hard	
105	108	Weathered limestone 2-3 GPM, muddy water	
108	110	Gray limestone	
110	125	Weathered limestone - 15 - 25 GPM muddy water	

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 TENANT: _____ Mailing Address: _____
 DRILLER: Sydney Pump and Well Co Inc Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta Approx. _____ ft. miles
 (direction) of CHURCHVILLE and _____ ft. miles of _____

(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 50

WATER ZONES (fissures or formations supplying water)

(from) (to) (from) (to)
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER

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120 feet DRAWDOWN after 3 HOURS PUMPING.

FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) ^W

REMARKS: Will clear with pumping

QUALITY OF WATER

COLOR muddy TASTE ok

ODOR None OTHER _____

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE _____

WATER (from) _____ ft. (to) _____ ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

Home site about 2 tenths
 of a mile East of Churchville

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc.)

DATE: Started 11-28-60; Completed 11-30-60

TOTAL DEPTH 125 ft.

BEDROCK at 46 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement & Water

DEPTH OF GROUTING 40-50

HOLE SIZE

(diam) in. (from) ft. (to) ft.
9 in. 0 ft. 93 ft.
5 in. 93 ft. 125 ft.

CASING SIZE

(diam) in. (from) ft. (to) ft.
5 in. 0 ft. 94-5 ft.

SCREEN (or perforations)

(diam.) in. (from) ft. (to) ft. (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS:

Log of well (over)

see log

FURNISHED BY Sydnor Pump and Well Co Inc

DATE: 12-1-60

Rig # 65

From Driller Mitchell's Log

[Signature]

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FROM	TO		
0	1	Top soil	
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32	46	Brown sand with clay	
46	52	Gray limestone	
52	86	Gray limestone with mud seams - trace of water - thick mud	
86	93	Gray limestone	
93	102	weathered limestone - moisture	
102	105	Gray limestone hard	
105	108	weathered limestone - 2-3 gpm, muddy water	
108	110	Gray limestone	
110	125	Weathered limestone - 15-25 gpm, muddy water	
<p>Run lifted 5 hours to clear mud from water - 20 G.P.M. plus after 5 hours - and will clear in short time with pump</p>			
<p>Samples saved for Div. Min. Resources - Charlottesville</p>			